Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 04 May 2022 until 23:59 on Thursday 05 May 2022

Forecast Issued on Wednesday 04 May 2022 at 02:11

Confidence: High confidence for the main theme, unsettled with showers and longer spells of rain, but moderate confidence with regards to timings of the rain on Friday. High confidence with drier and more settled conditions developing over the weekend.

Headline for Wednesday 04 May 2022: A soggy start to the day, with low cloud and outbreaks of rain. Brighter with showers later.

Mountain weather hazards on Wednesday 04 May 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy rain showers	Light rain showers	Sunny intervals	Fog
Precipitation probability					
80%	60%	60%	40%	10%	10%

Forecast for Wednesday 04 May 2022

Weather: The cloud will rapidly increase and thicken overnight, bringing outbreaks of light rain and hill fog, particularly in western parts. The rain will become widespread and persistent during the morning, mostly light though. The cloud will break and lift around midday, any rain turning into showers shortly after. Some of these will become heavy with a risk of thunder and hail, especially early afternoon and over eastern parts. Any showers will then die away during the afternoon, followed by clear spells developing in the evening.

Chance of cloud-free hill tops above 600m: 10% initially, increasing to 30-40% through the morning to become 60-70% by mid-afternoon. 90-95% late afternoon and evening.

Low cloud and visibility:

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Forecast for Wednesday 04 May 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/17 SW	15/19 SW	15/21 W	20/28 W	18/26 W	14/19 W	11/15 W
300	9/12 S	12/17 SW	12/17 W	15/22 NW	15/23 W	11/18 W	8/13 W
Valley	4/10 S	8/15 SW	9/18 W	12/23 NW	12/24 NW	8/16 W	5/12 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/4	8/4	9/6	8/4	8/4	6/2	5/2
300	9/6	9/6	11/8	11/8	10/8	8/6	8/5
Valley	9/8	10/8	11/9	12/9	11/9	9/7	8/6
Freezing Level*	1900m	1900m	1900m	1800m	1600m	1600m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A soggy start, feeling rather cold in the cloud.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 04 May 2022	0.8mm	8.2mm	9.6mm

Forecast for Thursday 05 May 2022

Weather: Dry and bright with a few sunny spells in the morning but clouding over with patchy light rain or drizzle in the afternoon. Eastern parts should remain dry though.

Maximum wind: Westerly 10-15mph gusting 20-25mph.

Chance of cloud-free hill tops above 600m: 80-95% in the morning but becoming 30-40%, perhaps 20% in western parts, in the afternoon.

Low cloud and visibility: Generally good or very good in the morning but deteriorating in the afternoon to become moderate or occasionally poor in western parts, with cloud base lowering to 600-700m, perhaps 500m in any prolonged drizzle.

Temperature: **Valleys:** 9 deg C rising to 17 deg C by the early afternoon.
At 600m: 4 deg C rising to 11 deg C by the early afternoon.
Freezing level: Above summits.

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